

Menu Item for conducting an *Emissions Inventory*

TRIBAL AIR WORK PLAN OBJECTIVE: To prepare an emissions inventory for a geographic area either within the boundaries of, or affecting, a tribal reservation or Indian community.

Background: An *Emission Inventory* is a process whereby air quality managers collect information on the emissions from particular pollution sources within a specific area, such as a reservation, to use in making planning and policy decisions on how to most effectively reduce the quantity and impact of air pollution on human health and the environment within that geographical area. A Tribe may consider the activities in this Menu Item, when it determines that available sources and emissions information is not sufficient for air quality planning and management.

Funding Mechanism: This objective and supporting activities may qualify for EPA financial support through the authority of the Indian General Assistance Program (IGAP), a Clean Air Act §103 projects, or a Clean Air Act §105 program grant among others. Contact your nearest Regional EPA Tribal or Program Office for further information.

ACTIVITIES / TASKS: The following *tasks* or *activities* are options for a grant applicant to consider in developing a work plan that includes development of an Emissions Inventory. Adapting these needs to respond to those of a specific reservation or tribal community is encouraged, taking into consideration the specific air quality purpose for which the inventory will be used. EPA Regional Offices are available to provide technical advice on what may be required to meet the intent of specific situations. A *timeline* is then created by estimating the dates by which each task, and sub-task, will be completed in order to accomplish the objective by the planned date.

- Obtain emission inventory development training.
- Conduct a source inventory [Review and describe on-reservation pollution sources. Identify applicable CAA requirements, if any. Write a report documenting sources identified.]
- Conduct a source categorization.
- Prepare an Emissions Inventory Preparation Plan (describing what inventory will cover and how it will be developed) for EPA review.
- Conduct emissions inventory according to EPA-reviewed Inventory Preparation Plan
- Prepare draft emissions inventory report for EPA review.
- Prepare final emissions inventory report.
- Evaluate the significance of the sources and emissions, including implications for monitoring or regulatory program, noticing significance of and possibly a comparison to any nearby attainment/nonattainment areas.
- Submit inventory data to National Emissions Inventory database.

Emissions Inventory

WORK PLAN RESULTS: Results from EPA grant funded activities (also known as “deliverables”) are characterized as either *outputs* or *outcomes*. Both are important means of documenting grant accomplishments. For explanation of *outputs* and *outcomes* see the Menu Item for *Air Quality Administration Infrastructure*.

Possible Outputs: [These are examples of *outputs* for this objective; there may be others.]

- Source inventory report.
- Inventory Preparation Plan.
- Draft emissions inventory report.
- Final emissions inventory.

Possible Outcomes: [These are examples of *outcomes* for this objective; there may be others]

Expressed as a result of an individual Tribal grant:

- Submission of inventory data to National Emission Inventory database.

Expressed as a measure of overall Tribal program performance (over a stated baseline or cumulative total):

- Increase in number of Tribes that have completed basic source inventory.
- Increase in number of reservations or tribal communities for which emissions inventories have been submitted to the National Emission Inventory database.

FY 2006 NATIONAL EPA PERFORMANCE MEASURE(S):

The following will be used to measure EPA’s progress in this area during fiscal year 2006.

- Number of total current emissions inventories in the National Emission Inventory database for reservations or tribal communities.